DENVER®

MMP-390

CD MP3 MICROSYSTEM

USER MANUAL

Please read and keep these instructions

Important safety instructions – please read carefully
and keep for future reference

	To reduce the risk of fire or electric shock, do not expose this product to water, rain or moisture. To prevent the risk of electric shock, do not remove the cover or back of this product. In case of product failure, only qualified personnel can repair. There are no user-serviceable parts inside.
	Use of controls, adjustments or performance of procedures other than those specified herein may result in dangerous radiation exposure. This product is rated as LASER CLASS 1 PRODUCT. CAUTION: Laser radiation when open - never stare into the laser beam.

CAUTION !
Dangerous tension inside the product ! Do not open. Risk of electric shock ! No parts can be repaired by the end-user. Only qualified personnel can repair and maintain this product.

If the electric cord is damaged, it must be replaced by the manufacturer or qualified after-sales personnel in order to avoid any danger.

The product must be installed in accordance with local laws.

Damaged batteries must be properly disposed. In order to protect the environment, please dispose the batteries properly, in accordance with local laws (information is available at your reseller).

Where to install the product

- Place the product on a straight, rigid and stable place. Do not place the product on a carpet.
- Do not place the product on top of another that may cause overheating (for example, a receiver or amplifier).
- Do not place anything underneath the product (for example, CDs or magazines).

Proper ventilation

- Do not install this equipment in a confined or building-in space such as a book case or similar unit, and remain a well ventilation conditions. The ventilation should not be impeded by covering the ventilation openings with items such as newspaper, table-cloths, curtains etc. Place the product in a sufficiently–aerated place to avoid overheating. Allow at least 10cm spacing at the back and top of the product, and 5cm spacing on both sides to prevent overheating.
- Do not place items such as newspapers, tablecloth, curtains, in front of the ventilating openings.

Do not expose the product to high temperatures, moisture, water and dust.

- The apparatus shall not be exposed to dripping or splashing. No object filled with liquids, such as vases, shall be placed on the apparatus.
- Do not place other items close to this product that may damage it (for example, objects containing water or lightened candles).

- No naked flame sources, such as lighted candles, should be placed on the apparatus.
- The batteries shall not be exposed to excessive heat such as sunshine, fire or the like.

Electric supply

- Please unplug the product in case of prolonged non-use.
- If the supply cable is damaged, it must be replaced by the manufacturer or qualified after-sales personnel to avoid any danger.
- This product must be connected to an electrical supply 230V ~ 50/60Hz.
- The plug must be accessible after installation.
- The mains plug is used as disconnect device, the disconnect device shall remain readily operable.

CE	This product is compliant with directives 2006/95/CE (abrogating the directive 73/23/CEE modified by the directive 93/68/CEE) and 2004/108/CE (abrogating the directive 89/336CEE).

- This logo set on the product means that the recycling of this apparatus comes within the framework of the directive 2002/96/EC of January 27, 2003 concerning the waste on electrical and electronic equipment (WEEE).

- The presence of dangerous substances in the electrical and electronic equipments can have potential consequences on the environment and human health in the cycle of reprocessing this product.

- Therefore, at the end of its lifetime, this product shall not be disposed with other non-recycled waste.

- As the end user, your role is of prime importance in the cycles of re-using, recycling, and other forms of valorization of this electrical and electronic equipment. Local authorities and resellers have set special procedures for the purpose of collecting and recycling this product.

- You have the obligation to use the selective waste collection systems put in place by your local authorities.

INTRODUCTION

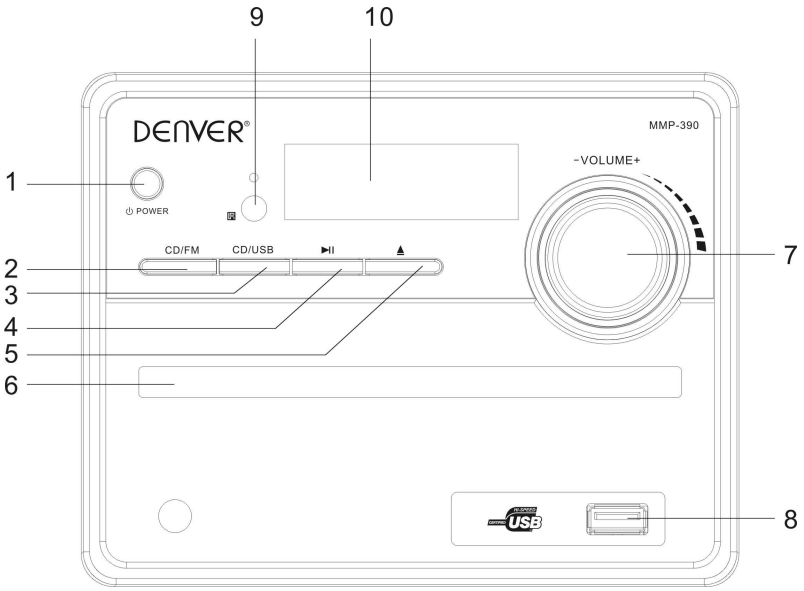
Thank you for choosing this product. Here are the main characteristics of your new microsystem:

- Equipped with a digital PLL tuner, you can easily search and memorize FM radios during playing.
- With its compact with elegant design, this system can easily find its place at home and be installed in just a couple of minutes.
- Thanks to its USB input, it becomes a real multimedia player, able to play all your favorite songs in MP3 and WMA format,
- Finally, you can enjoy an uncompromised music experience with convenient and easy-to-use audio settings thanks to the EQ.

FUNCTION
COMPATIBLE WITH AUDIO CD/CD-R(W)MP3/CD-R(W)WMA
LCD DISPLAY
MATCHED TWO SPEAKERS WITH OUTPUT POWER : 2 X 8W
DIGITAL PLL FM TUNER
USB FUNCTION

LIST OF MAIN PARTS
Master Unit
2 Speakers
Remote Control
Manual

LOCATION OF CONTROLS



1、POWER ON/OFF

2、CD/FM

3、CD/USB

4、PLAY/PAUSE

5、OPEN/CLOSE

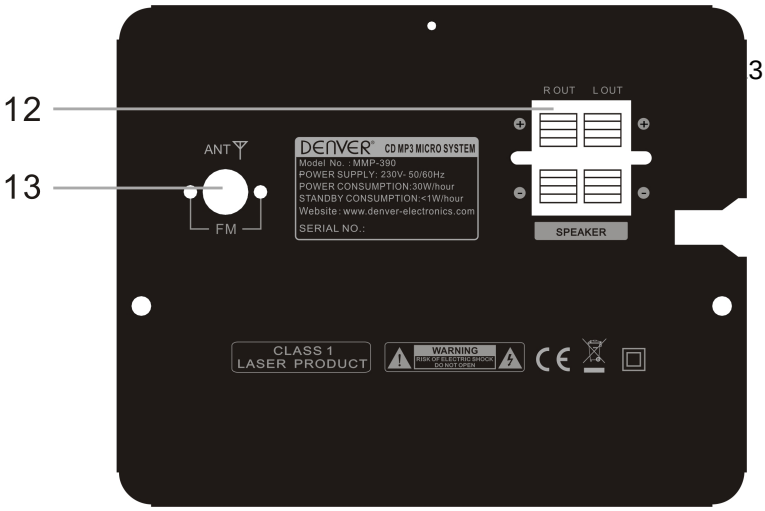
6、CD DOOR

7、VOL ADJUST

8、USB SLOT

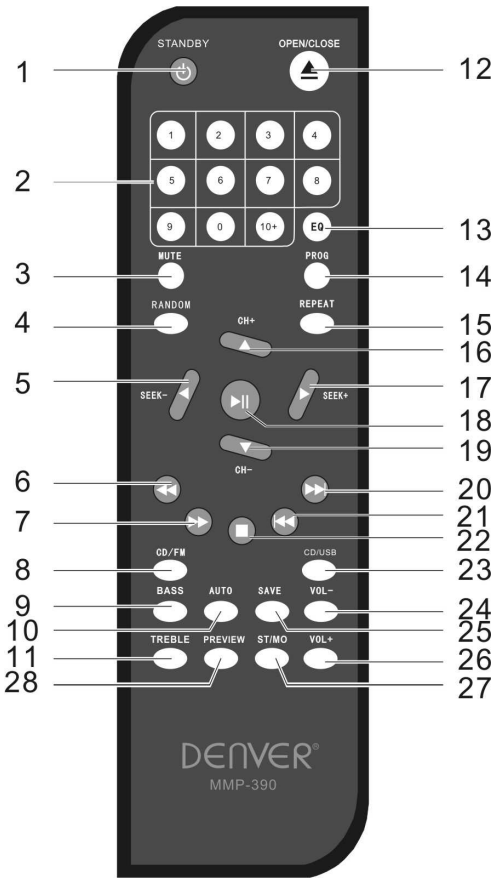
9、REMOTE CONTROL SENSOR

10、LCD DISPLAY



12、Speaker Output

13、FM antenna



1. STANDBY
2. NUMBER KEY
3. MUTE
4. RANDOM
5. SEEK-/LEFT
6. REWIND
7. FORWARD
8. CD/FM
9. BASS
10. AUTO
11. TREBLE
12. OPEN/CLOSE
13. EQ
14. PROG
15. REPEAT
16. CH+/UP
17. SEEK+/RIGHT
18. PLAY/PAUSE
19. CH-/DOWN
20. NEXT
21. PREV
22. STOP
23. CD/USB
24. VOL-
25. SAVE
26. VOL+
27. ST/MO
28. PREVIEW

INSTALL THE REMOTE CONTROL BATTERY

1. Remove the battery cover.
2. Install 2pc ``AAA`` battery into the battery compartment. Make sure that the + symbol is respected
3. Close the battery cover.

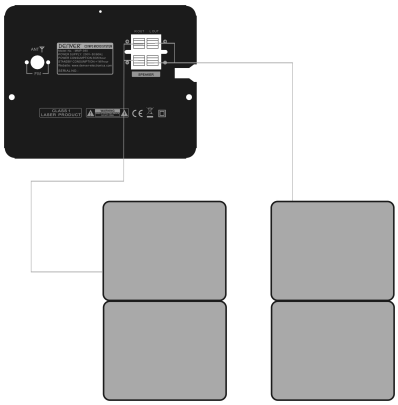
Note:

1. Battery chemicals can cause a rash. If the batteries leak, clean the battery compartment with a cloth. If chemicals touch you skin, wash immediately.
2. If the remote control is not going to be used for an extended period of time, remove the batteries.
3. Dispose of used battery by following your local hazardous waste regulations.

SYSTEM CONNECTION

You can connect the player to the speakers and enjoy listening.

Connect the speaker cables to the SPEAKER jacks which on the back of the player.



BASIC OPERATION

PREPARATIVE

1). Before turning on, check whether all the connection are correct and reliable. Plug the power cord at last.
2). Press POWER button on the front panel to turn on.
3). Press OPEN/CLOSE button on the front panel or remote control to open the disc door, put the disc into the CD compartment, and then close the disc door. The unit starts reading and playing.

POWER

Press the POWER button in front panel to turn on/off.

STANDBY

Press the STANDBY button in remote control for Standby.

NUMBER BUTTONS

While playing songs, press the NUMBER buttons on the remote control to select the songs you need. For example, the second song is required: press button 2; for the 16 th song, press the 10+ and 6 buttons.

MUTE

In play status, If the MUTE button is pressed, there will be no audio output, the sound is eliminated. Then press this button again or press VOL+/- buttons to exit the mute status, the sound resumes to be its normal status.

RANDOM

While playing the CD disc, press the RANDOM button to play the disc in random.

FAST REWIND / FAST FORWARD

While playing the CD disc, press the ◄◄ button or ►► button, the disc will play fast rewind or fast forward. Press the PLAY/PAUSE button to exit this status and resume to normal playing.

CD/FM

To exchange between CD and FM.

AUTO

While in radio mode, press the AUTO button to search the bands automatically.

OPEN/CLOSE

To Open/Close the Disc tray

EQUALIZER

In play status, press EQ button in the remote control, you can select different sound field effects (for example: Rock/Pop/Live/Classic, etc).
Note: Some disc content is unsuitable for this EQ format, it may arouse distortion while selecting.

PROGRAMMED PLAYBACK

Up to 20 tracks can be programmed for playing in any desired sequence.

1. In stop mode, press the PROG button, the display shows"PO1" in the display.
2. Press number key to input the desired track to be memorized.
3. Press the PROG again, the display shows "PO2" after the first program is OK.
4. Similarly, Press the PROG again after the 2 program is OK. you'll have the 3 been programmed.
5. after finishing the Program, Press PLAY/PAUSE to start playing. To cancel program play, Press STOP .

Note: when you operate this function, please make sure the mode is STOP.

Note: unit could read more than 20 tracks (subject to CDs), but, could only select and program 20 tracks inside this CD.

Note: once Power off, the previous Programmed won't be memorized, you have to re-program what you want.

REPEAT

Wile playing the CD discs, press the REPEAT button to separately select the different contents for repetition: Track repeat, All repeat.

PLAY/PAUSE

In play status, press the PLAY/PAUSE button, the play will be paused, and press it again to continue playing.

STOP

While playing CD disc, press the STOP button on the remote control, and then press PLAY/PAUSE button, the disc will be played from the beginning.

CD/USB

To exchange between CD and USB

VOLUME ADJUSTMENT

Press the VOL-/+ buttons on the remote control to turn up or down the volume of this unit.
You can also turn the VOLUME KNOB on the front panel to control volume.

SEEK-/+

While in radio mode, press the SEEK- button or SEEK+ button, the player will seek the frequency up or down.

PREVIEW

To preview the initial 10 second of every song in the CD, you could PREVIEW again or STOP to stop the preview, then, press “Play/Pause” for playing.

PREVIOUS/NEXT

While playing the CD disc, press ⏮ or ⏭ button to go to the previous or next song.

CH+/CH-

While in radio mode, press CH- or CH+ button to go to the previous or next band.

MONO/STEREO

While in radio mode, press the MO/ST button in the remote control to exchange/select the mono or stereo.
Note: There’s no tip of MO/ST shown in the display in your selection. Unit swapping MO/ST by your press times.

SAVE

While in radio mode, press the SAVE button in the remote control to store the current bands.

Note: once Power off, the previous SAVE won’t be memorized, you have to re-search the bands.

BASS/TREBLE

In play status, press the BASS and TREBLE button in the remote control , and then press VOL-/+ to adjust the BASS and TREBLE value.
This function provides a better quality of BASS and TREBLE sound.

PLAYING USB

Press the “CD/USB” button to switch to CD / USB playback.

NOTE: If in FM mode, please press CD/FM first to switch to CD mode before switch to USB.

Connecting a USB device

1) Insert a USB in the slot.
2) Press the CD / USB key to start.

Remark: **Depending on the capacity of the device, the detection and initialization takes around 15 seconds.**

The unit cannot read the USB device.

- Once you have plugged your device to the unit, you may need to switch on the USB device before it can operate.
- This unit does not support a direct USB connection with a computer.
- Check that the files system of your USB device is formatted into the FAT 32. USB device formatted into NTFS are not compatible with this unit.

Caution: if you attempt to modify your file system, formatting your device will erase all data. Please refer to your USB device’s instruction manual first.

FM RADIO OPERATION

1. Enter FM Function
   In the turn-on or playing status, press the CD/FM button on the remote control (or front panel) to enter FM status. Press this button again to switch between FM and CD playing.
2. Select Bands
   1) Select band by pressing SEEK- or SEEK+ button: under some frequency, press the button, the frequency will be up or down on the step. The step of FM is 0.05 MHz
   2) Select band by pressing number buttons: you may select the bands that have been saved by pressing the number buttons. For example: press 10+ button once, 5 button once, you may select the 15th band. Press the CH- or CH+ button, the band will be switched up or down.
   3) Automatically search bands: press the AUTO button, this unit will start to search bands from the lowest part to highest part automatically. Meanwhile the searched bands will be saved orderly. Press the button again to stop searching.
3. Soundtrack Selection
   Press the MO/ST button on the remote control, you may select Mono and Stereo soundtrack output in FM status. If the signal is not strong enough, you cannot select Stereo.
4. Exit FM Status
   Press the CD/FM button on the remote control (or front panel) to exit FM status, and press CD/USB switch to other modes.

Remark: FM Frequency range: 87.5-108 MHz

NOTE: 1. You may adjust the best radio effect by adjusting the antenna.
2. You can search further bands by pressing AUTO button when adjusted the antenna in a right position.
3. If the band is not clear by auto search, you choose the way manual search adjustment by press SEEK-/SEEK+ button.

4. The channel number could not exceed 20

5. Cannot input the frequency number directly.

SPECIFICATION

Output ports	L/R speaker output ports
Input ports	USB In
Power supply	230V~ 50/60Hz
Max power	30W
Frequency	20Hz-20KHz ±3dB

TROUBLE SHOOTING

Please use the following methods to solve the following problems while using this unit.

Fault Phenomenon	Possible Cause	Handing
Power supply cannot be turned on	Power plug is not fully inserted into the socket	Insert the power plug into the socket securely
The remote control does not work	Battery is used up	Replace with a new battery
	The front end of the remote control is not aimed at the infrared reception part of the player	Please aim at the remote control window
Play can not be realized	The disc door is not close well	Close the disc door
	No disc inserted	Place a disc in the compartment
	Inverse placement of disc	Be sure that the side with pictures of the disc points upwards
No sound from loudspeaker	Audio cable not connected or not connected securely	Connect the cable as the diagram
	The volume is in the lowest status	Turn the volume up
Discontinuous sound	Disc not clean	Use a piece of clean and soft cloth to clean the disc
	Disc scratched	Replace the disc with a new one
	Disc distorted	
Operation cannot be done	Embedded micro computer fails due to lightning, static or other interference	Power OFF, and restart the player after 10 seconds

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DENVER ELECTRONICS A/S

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Instructions on environment protection

Electric and electronic equipment and included batteries contains materials, components and substances that can be hazardous to your health and the environment, if the waste material (discarded electric and electronic equipment and batteries) is not handled correctly.

Electric and electronic equipment and batteries is marked with the crossed out trash can symbol, seen below. This symbol signifies that electric and electronic equipment and batteries should not be disposed of with other household waste, but should be disposed of separately.

As the end user it is important that you submit your used batteries to the approriate and designated facility. In this manner you make sure that the batteries are recycled in accordance with legislature and will not harm the environment.

All cities have established collection points, where electric and electronic equipment and batteries can either be submitted free of charge at recycling stations and other collection sites, or be collected from the households. Additional information is available at the technical department of your city.